ELSEVIER

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 87 (1994) 277

COLLOIDS AND SURFACES A

Author Index

Airoldi, C. 33

Bergeron, C. 213
Borwankar, R.P. 81

Chang, C.-H. 117
Cosgrove, T. 15

Davis, R.M. 25
Drummond, C.J. 217
de Freitas, J.M.P. 33
de Oliveira, S.F. 33

Eby, R.K. 197
Espínola, J.G.P. 33

Fainerman, V.B. 61
Flinn, D.H. 163
Franses, E.I. 117

Goebel, K.-H. 143
Goh, M.C. 213
Gregory, J.C. 151
Gurkov, T.D. 81
Guzonas, D.A. 163

Henderson, G.S. 187, 197
Horozov, T.S. 81

Infante, M.R. 117
Ivanov, I.B. 81

Jandt, K.D. 235
Jonstromer, M. 133
Juhué, d. 177

Khristov, Kh.R. 125
Kunitake, T. 101

Lang, J. 177
Lenhoff, A.M. 49
Li, D. 93
Lin, F.Y.H. 93
Lindman, B. 133
Litton, G.M. 39
Lucas, L.C. 151

Makievski, A.V. 61
Małysa, K. 125
Markiewicz, P. 213
McMaster, T.J. 235
Miles, M.J. 235
Miller, R. 61
Mizes, H.A. 245

Nagpal, V.J. 25
Ng, C. 263
Nisman, R. 263

Olson, T.M. 39
Ong, J.L. 151
Ott, M.L. 245

Patel, A. 15
Pinazo, A. 117
Pollanen, M.S. 213

Rachlin, A.L. 197
Raikar, G.N. 151
Riffle, J.S. 25

Scheutjens, J.M.H.M. 15
Schönherr, H. 263
Semlyen, J.A. 15
Senden, T.J. 217
Smith, P. 263
Snétivy, D. 257, 263
Somasundaran, P. 79
Stähler, K. 143

Uriev, N.B. 1

Vancso, G.J. 257, 263
Vrdoljak, G.A. 187, 197
von Berlepsch, H. 143

Watakabe, A. 101
Webster, J.R.P. 15
Weimer, J.J. 151
Wicks, F.J. 197
Williamson, R.L. 235

Yang, H. 263
Yoon, R.H. 163

Zhang, K. 133

0927-7757/94/$07.00 © 1994 Elsevier Science B.V. All rights reserved

ELSEVIER

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 87 (1994) 278–279

COLLOIDS AND SURFACES A

Subject Index

Absorption spectra, 101
Adhesion, 245
Adsorption, 15, 187
Adsorption kinetic theory, 61
Alumina, 15
Alzheimer's disease, 213
Amorphization, 197
Atomic force microscope, 187, 197, 217, 245
Atomic force microscopy, 151, 213, 235, 257, 263
Attachment efficiency, 39
Auger electron spectroscopy, 151

Calcium phosphate coatings, 151
Cesium, 187
Chemisorption, 33
Chlorite, 187
Concentrated disperse systems, 1
Concentrated polymer–surfactant systems, 133
π-Conjugated monolayers, 101
Contact angles, 93
Critical micelle concentration, 143
Cyclohexane, 163

Disulfur betaine derivatives, 117
Dithiocarbamate, 33
Dry film surfaces, 177
Dynamic adsorption, 117
Dynamic conditions, 1
Dynamic surface tension, 61, 117

Electrical conductivity, 125, 143
Electrostatic repulsion, 39
Epitaxy, 235

Fluorescence microscopy, 101
Folds, 235
Fourier transform infrared spectroscopy, 15, 151
FT-IR spectroscopy, 163
Functional end groups, 15

Granular quartz filters, 39

Hexadecyltrimethylammonium bromide, 217
Hydrophobicity, 163

Immobilization, 33
Inclination, 93
Inorganic support, 33

Krafft discontinuity, 143

Lamellar crystals, 263
Latex dispersions, 177
Latex microspheres, 39
Line tension, 93
Liquid contents, 125
Loops, 15

Macromolecules, 257
Mixed adsorption layers, 81
α-Modification of Eagle's Medium, 151

Non-ionic surfactants, 81

Octadecyltrichlorosilane, 163
Oil/water interfaces, 81
Oligo(phenylenevinylene) derivatives, 101
Oriented films, 235
Oscillating bubble surfactometry, 117

Paired helical filaments, 213
Particle deposition, 39
Perturbation method, 49
Poisson–Boltzmann equation, 49
Poly(butylmethacrylate), 177
Polymer crystals, 235
Polyoxymethylene, 257, 263
Polypropylene, 257, 263
Pressure–area isotherms, 101

Rheological properties, 1
Rough particle, 49

0927-7757/94/$07.00 © 1994 Elsevier Science B.V. All rights reserved

Scheutjens–Fleer model, 15
Self-assembly, 133
Self-diffusion study, 133
Silica, 15
Silica gel, 33
Silica surfaces, 163
Silicate, 197
Silicon nitride, 217
Sol–gel process, 25
Solid surface, 93
Spherulites, 263
Stability, 1
Steady-state foams, 125
Steric stabilization, 25
Structural properties, 1
Surface, 197
Surface additives, 245
Surface morphology, 177
Surface potential, 49
Surface tension, 143
Surface-active contaminants, 61
Surfactants, 61
Synthesis, 25

Tip–sample interaction, 217
Titanium dioxide particles, 25
Toner, 245

Ultrastructure, 213

X-ray photoelectron spectroscopy, 151, 187
Xerographic performance, 245